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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/074,793	02/11/2002	Darrel Cherry	10016811-1	7232

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HEWLETT-PACKARD COMPANY
Intellectual Property Administration
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EXAMINER

POKRZYWA, JOSEPH R

ART UNIT PAPER NUMBER

2622

DATE MAILED: 10/31/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/074,793

Applicant(s)

CHERRY ET AL.

Examiner

Joseph R. Pokrzywa

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-25 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-25 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 2/11/02 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 2/11/02.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: ____.

DETAILED ACTION

Information Disclosure Statement

1. The references listed in the Information Disclosure Statement submitted on 2/11/02 have been considered by the examiner (see attached PTO-1449).

Drawings

2. The drawings received on 2/11/02 are acceptable by the examiner.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4. **Claims 1-25** are rejected under 35 U.S.C. 102(e) as being anticipated by Gecht *et al.* (U.S. Patent Number 6,859,832).

Regarding *claim 1*, Gecht discloses a method comprising retrieving an authorization code (column 10, line 60-column 11, line 12, and column 15, lines 20-57), sending a print job with the authorization code (see Figs. 4 and 9, column 11, lines 16-60), and checking whether the authorization code is valid, prior to enabling or disabling the print job from printing (column 10, line 60-column 11, line 50).

Regarding *claim 2*, Gecht discloses the method discussed above in claim 1, and further teaches of printing the print job if the authorization code is valid (column 10, line 60-column 11, line 50).

Regarding *claim 3*, Gecht discloses the method discussed above in claim 1, and further teaches that the retrieving is performed by an agent operating on a computer (column 10, line 60-column 11, line 50).

Regarding *claim 4*, Gecht discloses the method discussed above in claim 1, and further teaches that the authorization code comprises an expiration interval parameter (column 8, lines 45, lines 35-65, and column 11, lines 42-50).

Regarding *claim 5*, Gecht discloses the method discussed above in claim 1, and further teaches that the checking of whether authorization code is valid, is performed by a server (spooling server 50, column 10, line 60-column 11, line 50).

Regarding *claim 6*, Gecht discloses the method discussed above in claim 1, and further teaches of assigning an authorization code to an agent running on a computer when the computer logs on to a network (column 3, lines 1-26, and column 9, line 49-column 10, line 22).

Regarding *claim 7*, Gecht discloses that one or more computer-readable media comprises computer-executable instructions that, when executed, perform the method as recited in claim 1 (column 13, lines 1-33).

Regarding *claim 8*, Gecht discloses that in a public computer service center (spooling server 50) where multiple computers can be connected to a communications link associated with the service center (see Fig. 1), a method comprising creating a request to log on to the communications link (column 3, lines 1-26), retrieving an authorization code from a host located

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on the communication link (column 10, line 60-column 11, line 12, and column 15, lines 20-57), sending a print job to a printer with the authorization code embedded in a header of the print job (see Figs. 4 and 9, column 9, lines 12-48, and column 11, lines 16-60, whereby encrypting data in a triple-DES format inherently includes an encryption key in the header of the data), and checking whether the authorization code is valid, prior to enabling or disabling the print job from printing (column 10, line 60-column 11, line 50).

Regarding *claim 9*, Gecht discloses the method discussed above in claim 8, and further teaches that the public computer service center is a hotel (column 4, lines 18-36).

Regarding *claim 10*, Gecht discloses the method discussed above in claim 8, and further teaches that the public computer service center is an airport-based printing center (column 4, lines 18-36).

Regarding *claim 11*, Gecht discloses the method discussed above in claim 8, and further teaches that the authorization code contains an expiration interval parameter (column 8, lines 45, lines 35-65, and column 11, lines 42-50).

Regarding *claim 12*, Gecht discloses the method discussed above in claim 8, and further teaches that the authorization code contains a quality of service (column 8, lines 45, lines 35-65, and column 11, lines 42-50).

Regarding *claim 13*, Gecht discloses the method discussed above in claim 8, and further teaches that an agent retrieves the authorization code from the host and assigns the authorization code to the print job (Figs. 4 and 9, column 9, lines 12-48, and column 11, lines 16-60).

Regarding *claim 14*, Gecht discloses that one or more computer-readable media comprises computer-executable instructions that, when executed, perform the method as recited in claim 8 (column 13, lines 1-33).

Regarding *claim 15*, Gecht discloses a system (see Fig. 1) comprising a communications link (global network 110), an agent (spooling server 50), configured to provide an interface between a computer (client device 12) and the communications link (see Fig. 1), wherein the agent assigns an authorization code to a print job sent by the computer (Figs. 4 and 9, column 9, lines 12-48, and column 11, lines 16-60), and a monitoring device, attached to the communications link, configured to receive the print job and verify whether the authorization code is valid (column 10, line 60-column 11, line 50).

Regarding *claim 16*, Gecht discloses the system discussed above in claim 15, and further teaches that the server verifies if the authorization code is valid by comparing the authorization code to a data base to find a matching entry (column 9, lines 12-48, and column 11, lines 16-60).

Regarding *claim 17*, Gecht discloses the system discussed above in claim 15, and further teaches that the server permits printing of the print job by a printer, if the print authorization code is valid (column 9, lines 12-48, and column 11, lines 16-60).

Regarding *claim 18*, Gecht discloses the system discussed above in claim 15, and further teaches that the authorization code comprises an expiration interval parameter (column 8, lines 45, lines 35-65, and column 11, lines 42-50).

Regarding *claim 19*, Gecht discloses the system discussed above in claim 15, and further teaches that the authorization code comprises a quality of service parameter (column 8, lines 45, lines 35-65, and column 11, lines 42-50).

Regarding **claim 20**, Gecht discloses the system discussed above in claim 15, and further teaches that the communications link comprises Ethernet access (column 7, line 63-column 8, line 19, and column 11, line 51-column 12, line 34, see Fig. 1).

Regarding **claim 21**, Gecht discloses the system discussed above in claim 15, and further teaches that the communications link is a communications network (column 7, lines 63-67, see Fig. 1).

Regarding **claim 22**, Gecht discloses the system discussed above in claim 15, and further teaches that the communications link is a switch (column 8, lines 45, lines 35-65, and column 11, lines 42-50).

Regarding **claim 23**, Gecht discloses the system discussed above in claim 15, and further teaches that the monitoring device is a server (spooling server 50, column 10, line 60-column 11, line 50).

Regarding **claim 24**, Gecht discloses the system discussed above in claim 15, and further teaches that the authorization code is embedded in a header of the print job (see Figs. 4 and 9, column 9, lines 12-48, and column 11, lines 16-60, whereby encrypting data in a triple-DES format inherently includes an encryption key in the header of the data).

Regarding **claim 25**, Gecht discloses the system discussed above in claim 15, and further teaches that the authorization code is part of an HTTP communication related to the print job (column 3, lines 19-46).

Citation of Pertinent Prior Art

5. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure:

Kadowski (U.S. Patent Number 6,313,921) discloses a image forming controlling system;

Loyd (U.S. Patent Application Publication US2003/0014640) discloses a user verification system for a printer; and

Clough et al. (U.S. Patent Application Publication 2003/0069915) discloses a system of authenticating mobile printer users.

Conclusion

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Joe Pokrzywa whose telephone number is (571) 272-7410. The examiner can normally be reached on Monday-Friday, 9:00-5:00.

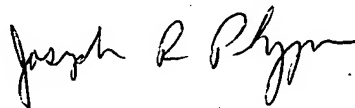
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward L. Coles can be reached on (571) 272-7402. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Joseph R. Pokrzywa
Primary Examiner
Art Unit 2622

jrj

A handwritten signature in black ink, appearing to read "Joseph R. Pokrzywa". The signature is written in a cursive, flowing style.